

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046547.D
 Acq On : 07 Jun 2025 01:17
 Operator : JC/MD
 Sample : VX0606WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBL02

Quant Time: Jun 07 04:26:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	95381	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	186443	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.055	117	185656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90343	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83647	49.293	ug/l	-0.01
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.580%
35) Dibromofluoromethane	5.391	113	66943	48.824	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.640%
50) Toluene-d8	8.647	98	220375	48.752	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.500%
62) 4-Bromofluorobenzene	11.079	95	101330	54.180	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.360%

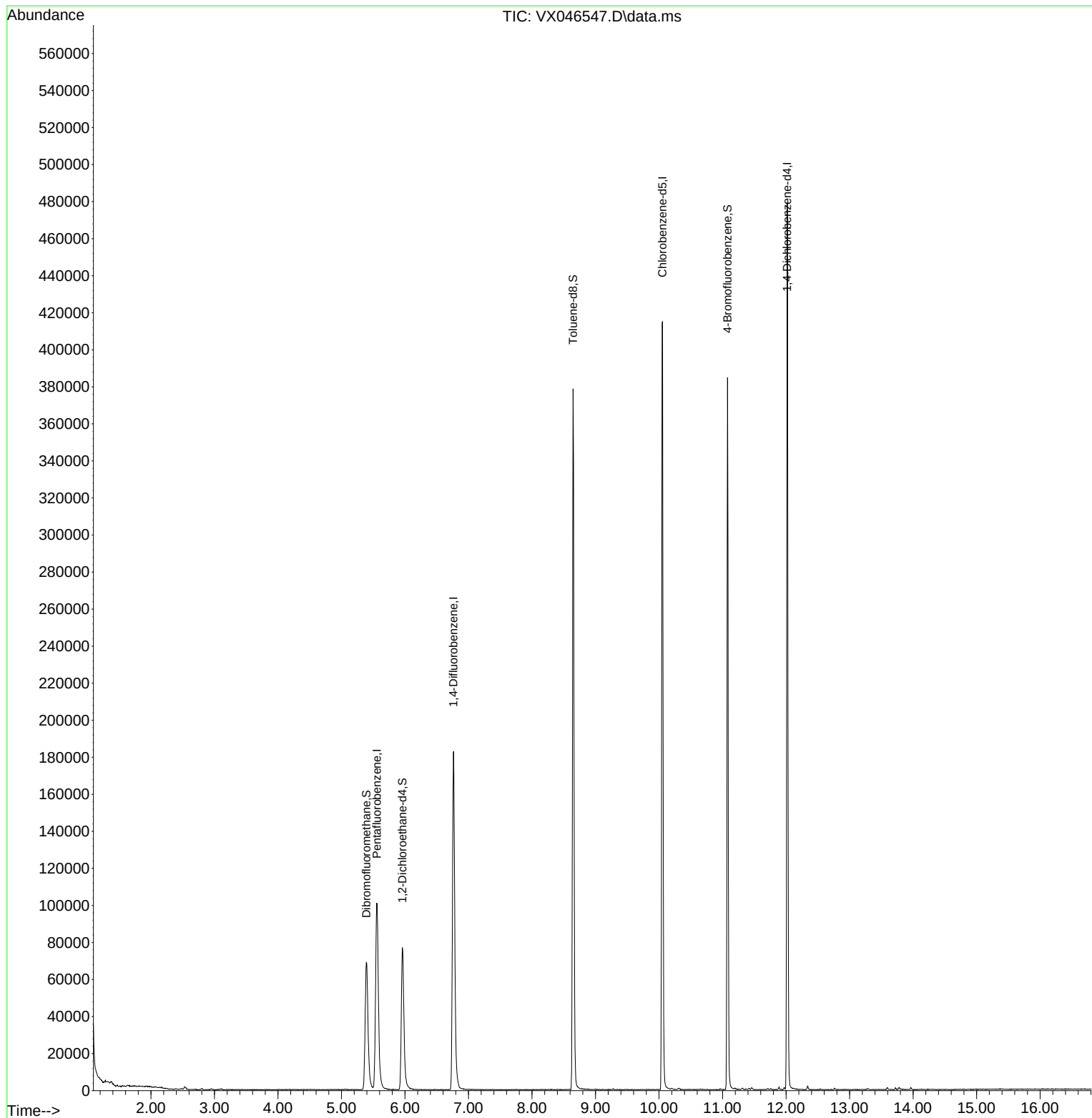
Target Compounds	Qvalue

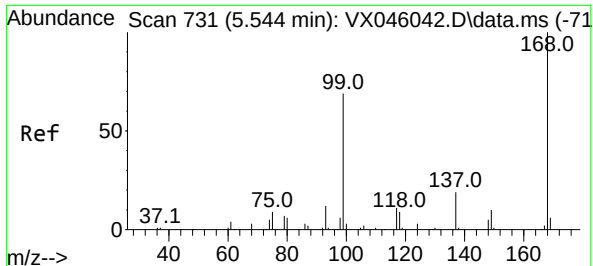
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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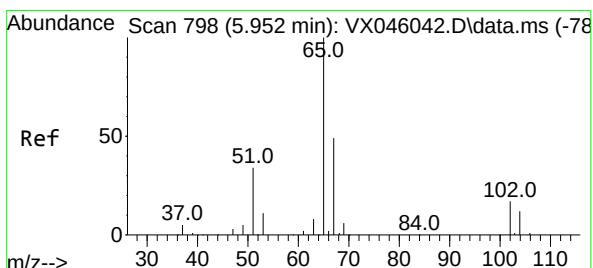
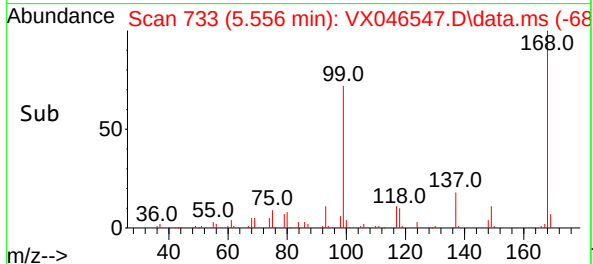
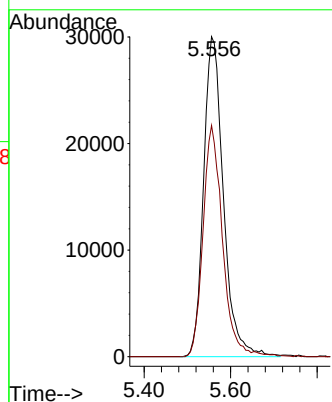
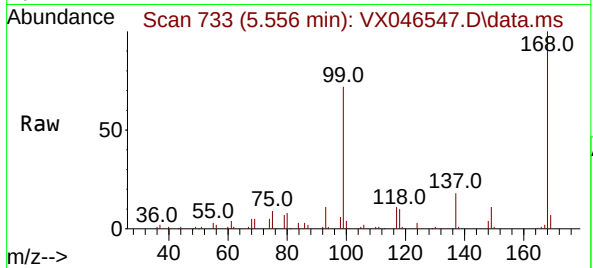




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.012 min
Lab File: VX046547.D
Acq: 07 Jun 2025 01:17

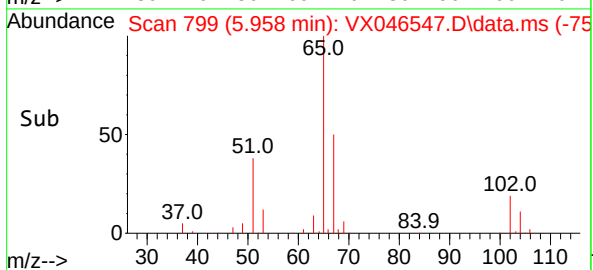
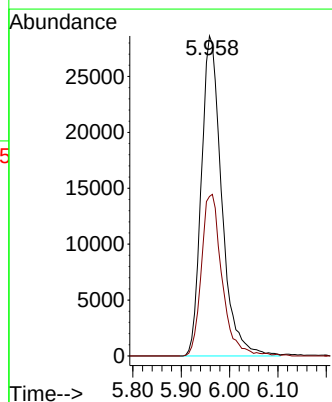
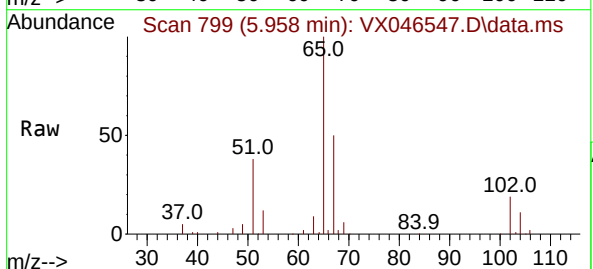
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL02

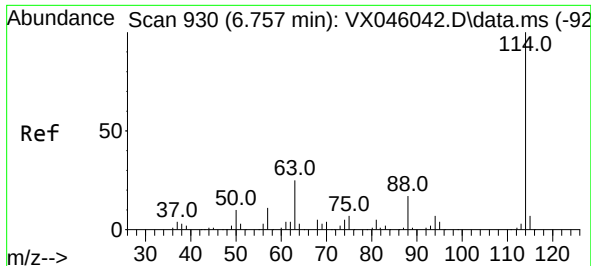
Tgt Ion:168 Resp: 95381
Ion Ratio Lower Upper
168 100
99 72.2 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 49.293 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.012 min
Lab File: VX046547.D
Acq: 07 Jun 2025 01:17

Tgt Ion: 65 Resp: 83647
Ion Ratio Lower Upper
65 100
67 51.4 0.0 99.0

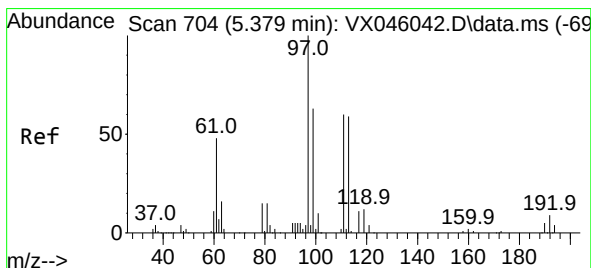
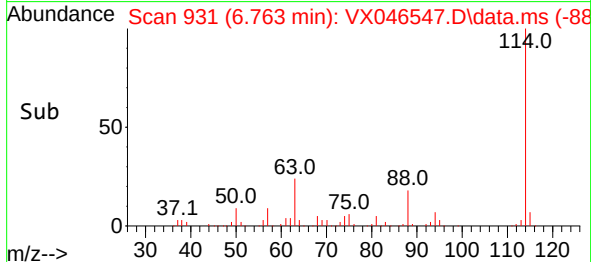
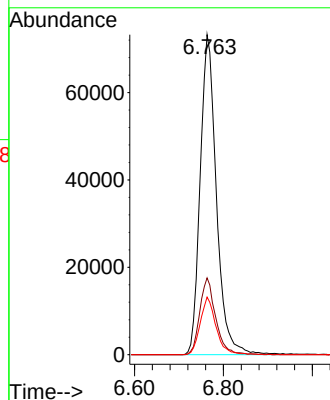
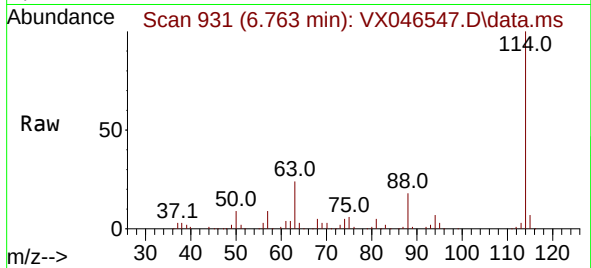




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX046547.D
Acq: 07 Jun 2025 01:17

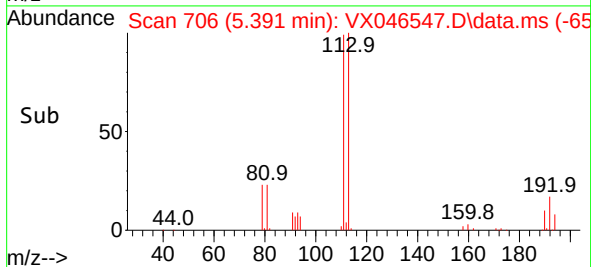
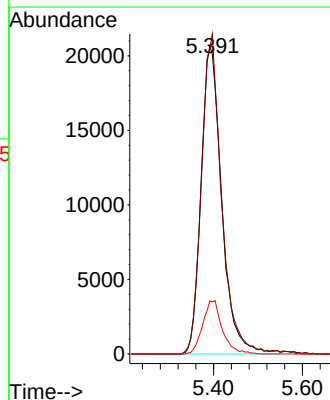
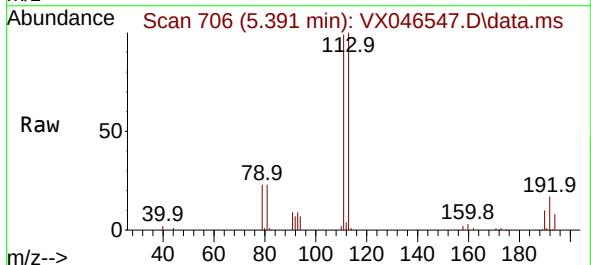
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL02

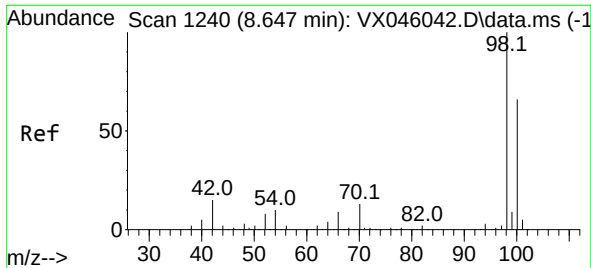
Tgt Ion:114 Resp: 186443
Ion Ratio Lower Upper
114 100
63 24.0 0.0 49.2
88 18.0 0.0 33.6



#35
Dibromofluoromethane
Concen: 48.824 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.012 min
Lab File: VX046547.D
Acq: 07 Jun 2025 01:17

Tgt Ion:113 Resp: 66943
Ion Ratio Lower Upper
113 100
111 100.9 83.1 124.7
192 16.4 13.3 19.9

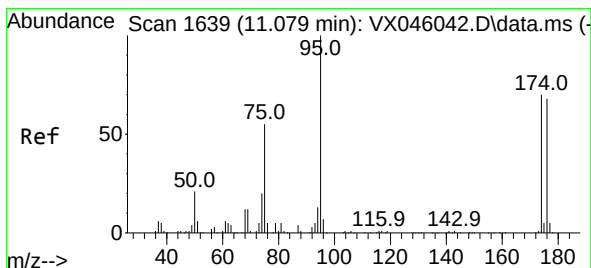
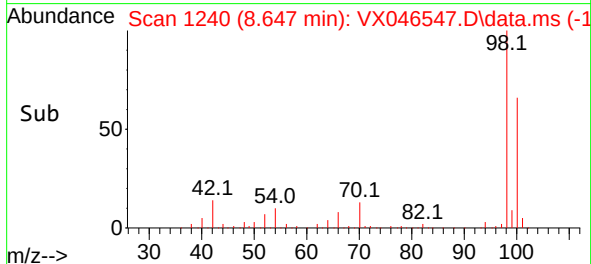
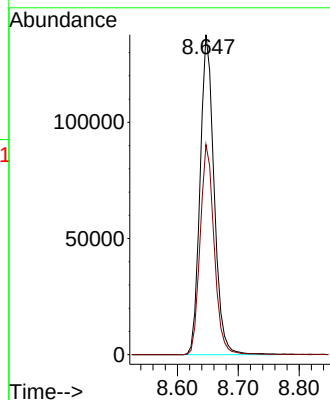
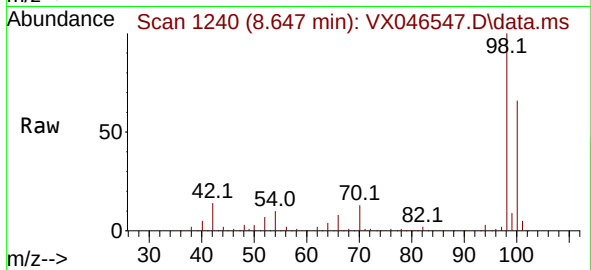




#50
Toluene-d8
Concen: 48.752 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046547.D
Acq: 07 Jun 2025 01:17

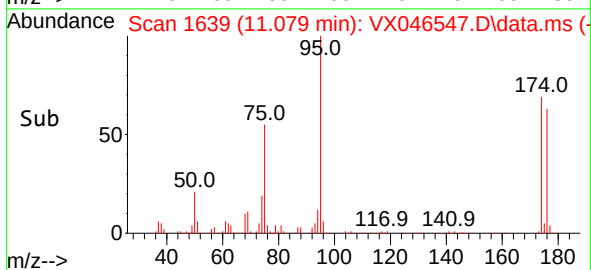
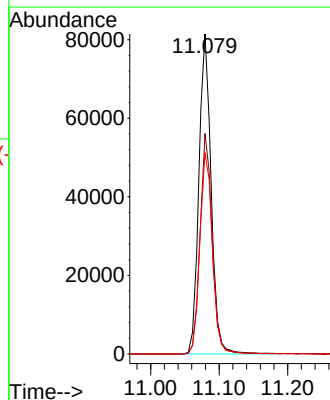
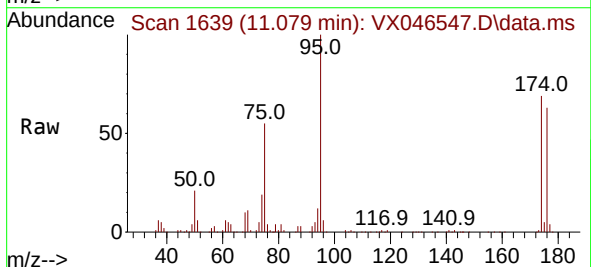
Instrument :
MSVOA_X
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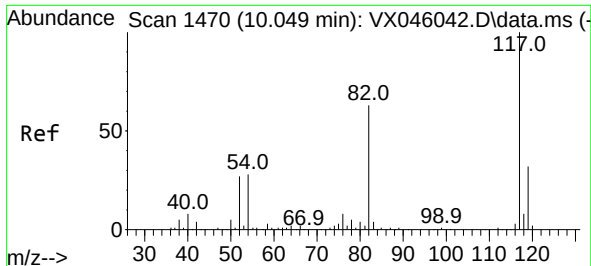
Tgt Ion: 98 Resp: 220375
Ion Ratio Lower Upper
98 100
100 65.8 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 54.180 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046547.D
Acq: 07 Jun 2025 01:17

Tgt Ion: 95 Resp: 101330
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.8
176 64.6 0.0 131.4

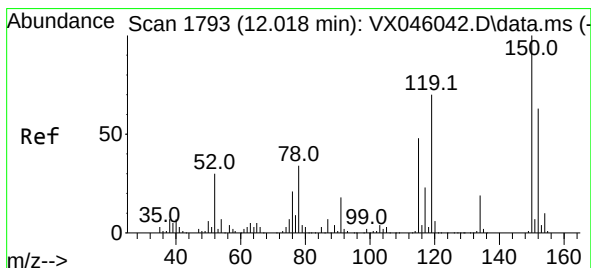
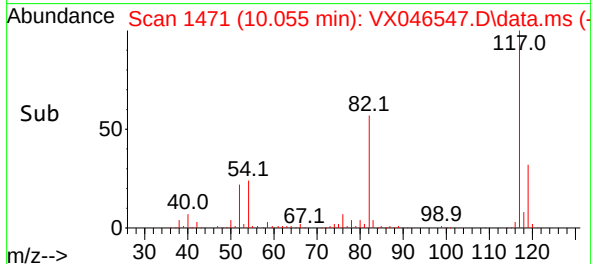
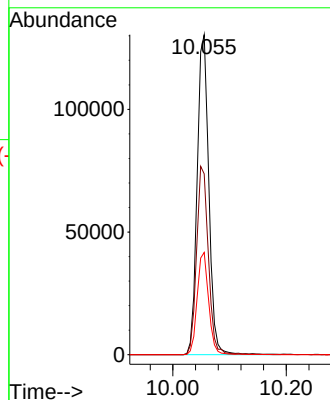
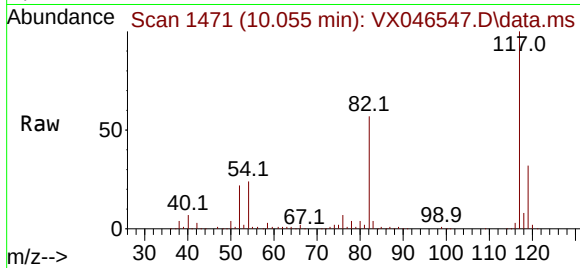




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046547.D
Acq: 07 Jun 2025 01:17

Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL02

Tgt Ion:117 Resp: 185656
Ion Ratio Lower Upper
117 100
82 56.5 50.6 76.0
119 31.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046547.D
Acq: 07 Jun 2025 01:17

Tgt Ion:152 Resp: 90343
Ion Ratio Lower Upper
152 100
115 65.2 46.9 140.7
150 157.6 0.0 351.0

